

WE CLAIM AS OUR INVENTION:

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1. A computing system comprising:

a computer including evaluation means for analyzing information which is entered into said computer and for generating analytical data based on said information;

user input means for allowing a user to enter said information into said computer;

an output means connected to said computer for displaying an output generated by said computer; and

said evaluation means comprising means for configuring and interrogating and accepting said information entered through said input means for organizing input of said information based on a plurality of inquiries produced by said evaluation means, said evaluation means selecting said inquiries based on information entered in response to at least one previous inquiry, said inquiries being made available at said output medium; and

said evaluation means comprising means for controlling interactive acquisition of said information based on a running compilation of information for formulating and emitting said inquiries to said output medium, and said evaluation means comprising means for processing information which is random in content and for producing a continuous value measure between two extreme values as a characterization of an analytical result based on said information, and said input means allowing a user to

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retrieve, and have available as an output on said output medium, said running information compilation at any time.

2. A system as claimed in claim 1 wherein said evaluation means is operable in a plurality of operating modes, and wherein an operating mode for said evaluation means can be set via said input means.

3. A system as claimed in claim 1 wherein said evaluation means comprises means for calculating said value measure from a calculation algorithm selected from the group consisting of fuzzy logic and probability algorithms.

4. A system as claimed in claim 1 wherein said evaluation means comprises means for formulating an inquiry based on an analytical calculation of a potential informational gain of the inquiry.

5. A system as claimed in claim 1 wherein said evaluation means comprises means for making predetermined inquiries available via said output medium in a hierarchically structured form for incremental answering via said input unit.

6. A system as claimed in claim 5 wherein said evaluation unit makes a plurality of predetermined inquiries available for common display in a question menu at said output medium.

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7. A system as claimed in claim 1 wherein said evaluation means comprises means for generating and emitting, at said output medium, a weight designation identifying a significance of each inquiry shown at said output medium.

8. A system as claimed in claim 7 wherein said evaluation means comprises means for calculating said weight designation based on an analysis of a weighted reduction of entropy in said evaluation unit dependent on response information which can be given in response to said inquiry.

9. A system as claimed in claim 1 further comprising a storage unit in which predetermined information related to a specific user is contained.

10. A system as claimed in claim 9 wherein said evaluation unit has access to said information in said storage unit automatically.

11. A system as claimed in claim 9 wherein said evaluation means has access to said information in said storage unit upon output at said output medium of an inquiry relating to said information stored in said storage unit.

12. A system as claimed in claim 1 wherein said evaluation means comprises means, upon entry of an interrogation termination via said input unit, for determining whether a relevant item of information has been omitted from said running information compilation and for indicating said omission at said output medium.

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13. A system as claimed in claim 12 wherein said evaluation means comprises means for displaying a preliminary calculation result, with said relevant item of information omitted, at said output medium, and for simultaneously displaying an inquiry to obtain said relevant item of information.

14. A system as claimed in claim 1 wherein said evaluation means comprises means for making analytical data available at said output medium in a plurality of forms.

15. A system as claimed in claim 1 further comprising a storage unit in which additional informational data, relative to said analytical data, are contained, said additional data being accessible by said evaluation means.

16. A system as claimed in claim 1 wherein said evaluation means comprises means for making available, at said output medium, at least a part of information entered via said input means on which said value measure is based.

17. A system as claimed in claim 16 wherein said evaluation means comprises means for calculating a change in said value measure which would occur if a selected item of information were omitted, and for displaying an indication of said change of said value measure at said output medium.

18. A system as claimed in claim 1 further comprising a storage unit in which information entered via said input unit can be filed and selectively retrieved.

19. A system as claimed in claim 1 wherein said computer and said output medium are disposed remote from each other.

20. A system as claimed in claim 1 wherein said computer and said output medium are disposed together so as to be simultaneously accessible by a user operating said input means.

21. A system as claimed in claim 1 further comprising a storage unit disposed remote from said output medium.

22. A system as claimed in claim 1 further comprising a storage unit disposed remote from said computer.

23. A system as claimed in claim 1 further comprising a storage unit integrated in said computer.